



Supporting a scholar's online identity with VIVO and ORCID

Violeta Ilik

Semantic Technologies Librarian

VIVO

connect • share • discover

ORCID

RESEARCHERID

Scopus

010

an 2001014426

Grigorčuk, R. I.



Grigorchuk, R. I.



VIAF ID: 167147907 (Personal)

Permalink: <http://viaf.org/viaf/167147907>

ISNI-test: [0000 0001 1728 1003](http://isni.org/isni/0000_0001_1728_1003)

Grigorchuk, Rostislav I.

MR Author ID:	193739
Earliest Indexed Publication:	1977
Total Publications:	99
Total Author/Related Publications:	109
Total Citations:	1485

Published as: Grigorčuk, R. I. ...
Grigorchuk, R.
Grigorchuk, R. I.
Grigorchuk, Rostislav
Grigorchuk, Rostislav Ivanovich

TEXAS STEM

Librarians' Conference 2014

July 17, 2014



Table 1: Stakeholders and needs

Researcher	Disseminate research
	Compile all publications and other scholarly output
	Find collaborators
	Ensure network presence correct
Funder	Track funded research outputs
University administrator	Collate intellectual output of their researchers
Journalist	Retrieve all output of a specific researcher or track a given discipline
Librarian	Uniquely identify each author
Identity management system	Associate metadata, output to researcher
	Disambiguate names
	Link researcher's multiple identifiers
	Disseminate identifiers
Aggregator (includes publishers)	Associate metadata, output to researcher
	Collate intellectual output of each researcher
	Disambiguate names
	Link researcher's multiple identifiers
	Track history of researcher's affiliations
	Track & communicate updates

OCLC: Draft Registering Researchers in Authority Files report (dated 2014-03-28)



10 types

- Authority hubs
- Current Research Information System (CRIS)
- Identifier hubs
- National research portal
- Online encyclopedia
- Reference management
- Research and collaboration hub
- Researcher profile systems
- Subject author identifier system
- Subject repository

OCLC: Draft Registering Researchers in Authority Files report (dated 2014-03-28)



Identifiers and Profiles in bibliographic records – new developments

Plug in ORCID identifier and any other identifier (ISNI, VIAF) in Name Authority Records in 024 field with delimiter | 2 qualifier value of orcid, isni, viaf ...

Example on Eric Childress NAR:

<http://errol.oclc.org/laf/no2005-43559.html>

Identifiers and Profiles in bibliographic records – new developments

024	7 a00000000043605828 2isni
024	7 a0000-0002-7442-635X 2orcid
024	7 a36648407 2viaf



Identifiers vs Profiles

Example: VIVO Profile – Michael Conlon

VIVO URI: <http://vivo.ufl.edu/display/n25562>

and

ORCID: <http://orcid.org/0000-0002-1304-8447>

What is VIVO?

- A semantic-web-based research and researcher discovery tool
- Publicly-visible information, across disciplines
- An open, shared platform for connecting scholars, research communities, campuses, and countries using Linked Open Data

VIVO history

- 2003-2005 Developed as a relational database for the life sciences at Cornell University
- 2006-2008 Expanded to include all disciplines at Cornell, and converted to Semantic Web platform
- 2009-2012 National Institutes of Health sponsored project transforms VIVO to a multi-institutional open source platform
- 2013-2014 VIVO incubator project with DuraSpace for open community development

What VIVO does?

- Integrates multiple sources of data
 - Systems of record
 - Faculty activity reporting
 - External sources (e.g., Scopus, PubMed...)
- Provides a review and editing interface
 - Single sign-on for self-editing or by proxy
- Provides integrated, filterable feeds to other websites

Introduction to VIVO. Jon Corson-Rikert, Kristi Holmes, Brian Lowe, Julia Trimmer, and Alex Viggio, VIVO 2013, St. Louis, Missouri

Key VIVO principles

- Open software
- Open data
- Open ontology
- Open community
- Decentralized infrastructure
- Local control

Introduction to VIVO. Jon Corson-Rikert, Kristi Holmes, Brian Lowe, Julia Trimmer, and Alex Viggio, VIVO 2013, St. Louis, Missouri

VIVO models:

- People and more
 - Organizations, grants, programs, projects, publications, events, facilities, and research resources
- Relationships among the above
 - Meaningful
 - Bidirectional
 - Navigable context
- Links to URIs elsewhere
 - Concepts, identifiers
 - People, places, organizations, events

Introduction to VIVO. Jon Corson-Rikert, Kristi Holmes, Brian Lowe, Julia Trimmer, and Alex Viggio, VIVO 2013, St. Louis, Missouri

Data sources:

- Human Resources
- Fiscal Office
- Registrar office (course data)
- Grants & contracts
- Faculty reporting system(s)
 - publications, service, research interests, awards
- External repositories - e.g. Pubmed, Scopus, WoS ...

Demo site



What is an ORCID?

- Open Researcher & Contributor ID
- Unique 16-digit author identifier: xxxx-xxxx-xxxx-xxxx
- Non-profit registry of unique identifiers for individual researchers worldwide
- Provides linking mechanism between author and his/her research outputs



Benefits of ORCID

- Solves the name ambiguity problem
- ORCID can be associated with Scopus ID and Researcher ID
- Apps allow transfer of records between ORCID and these two
- Benefits the publishers, associations ...



ORCID Integration Grant

- University program to integrate standard author identifiers into the profiles of all Texas A&M faculty, students, and staff (think UINs but for researchers)
- Aimed first at graduate students and post-docs
- Others can participate on request
- Grant-funded by Alfred P. Sloan Foundation

It Takes a Village to Grow ORCID on Campus: Establishing and Integrating Unique Scholar Identifiers at Texas A&M
Gail Clement, Violeta Ilik, Douglas Hahn, Micah Cooper, Sandra Tucker

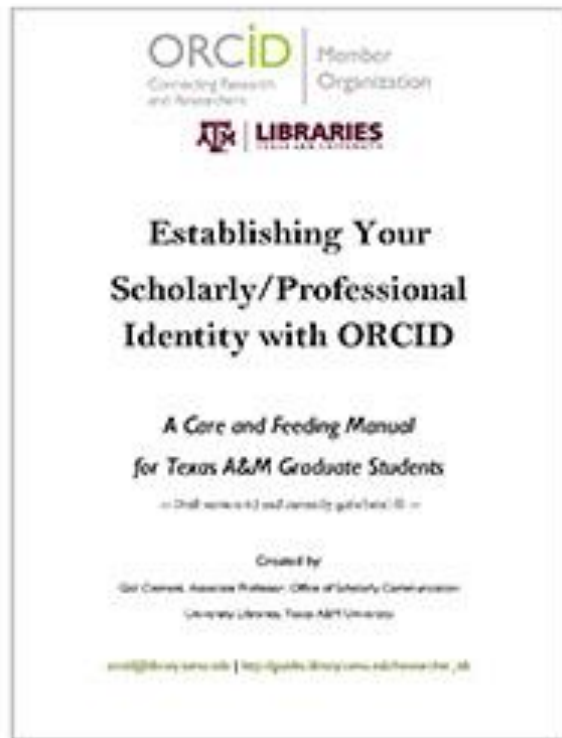


Goals of Campus ORCID Integration for early career scholars & professionals

- Establish scholarly identity at start of career
- Position new scholars for ready success with publishers, funding agencies, and other research support systems requiring ORCIDs
- Develop scalable and trusted infrastructure for tracking student outcomes over time
- Build greater publishing capacity for Libraries and University

It Takes a Village to Grow ORCIDs on Campus: Establishing and Integrating Unique Scholar Identifiers at Texas A&M
Gail Clement, Violeta Ilik, Douglas Hahn, Micah Cooper, Sandra Tucker

Gail Clement conducts outreach and training to support new and existing ORCID owners





Future directions for VIVO and ORCID @ TAMU

Full implementation of VIVO to display academic lineage (advisor and advisee relationships); PhD theses of former TAMU graduate students; co-author networks; temporal graphs

Thank you

Violeta Ilik



<http://orcid.org/0000-0003-2588-3084>

Also known as:

Violeta Ilić, Виолета Илић,
Виолета Илиќ

Keywords: metadata, Linked
Data, visualization, eScience,
Texas A&M